

FIGURE 1

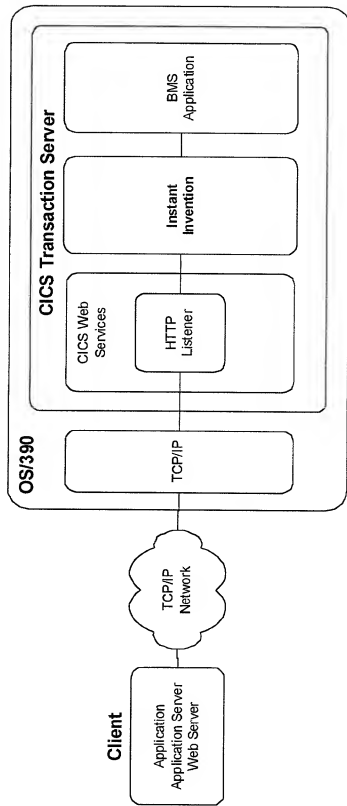


FIGURE 2

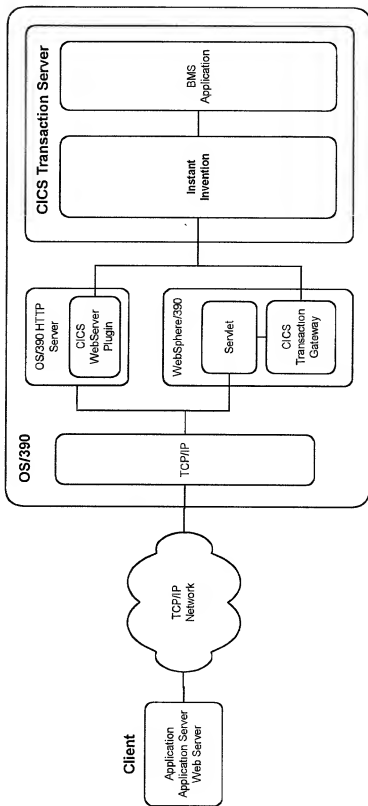


FIGURE 3

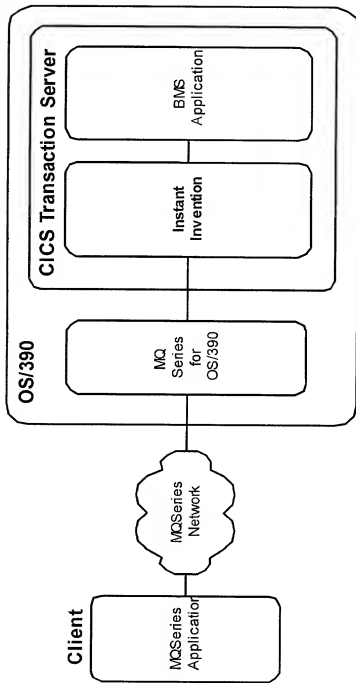


FIGURE 4

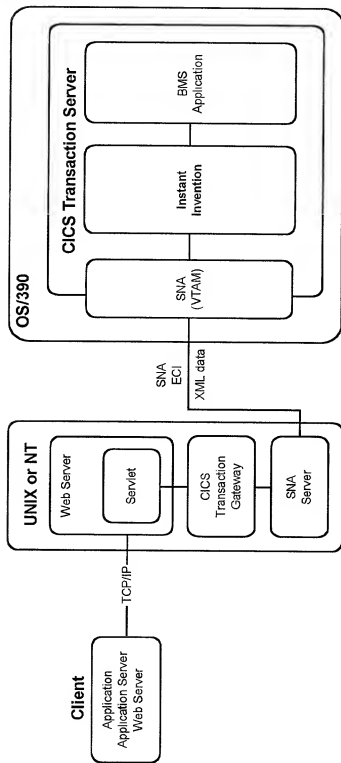


FIGURE 5

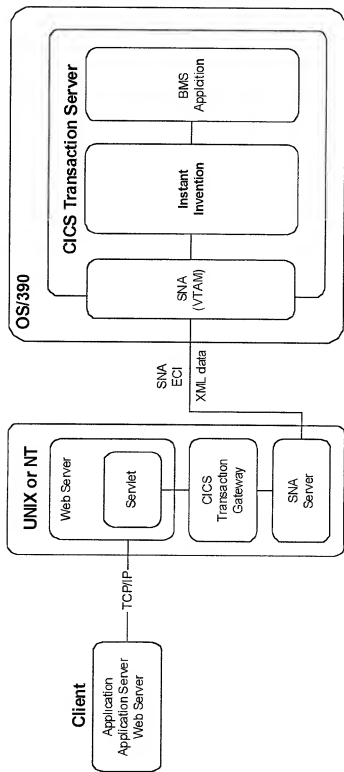


FIGURE 6

FIG. 7

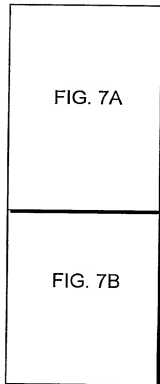


FIG. 8

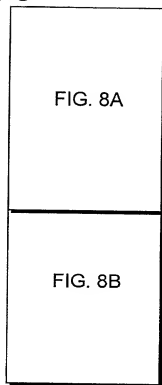


FIG. 7A

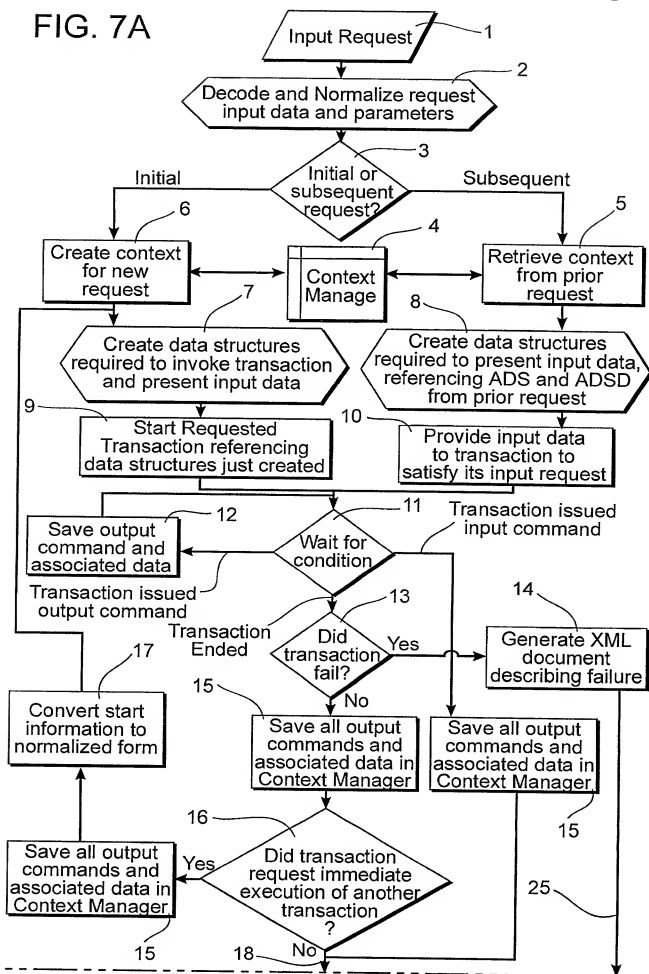


FIG. 7B

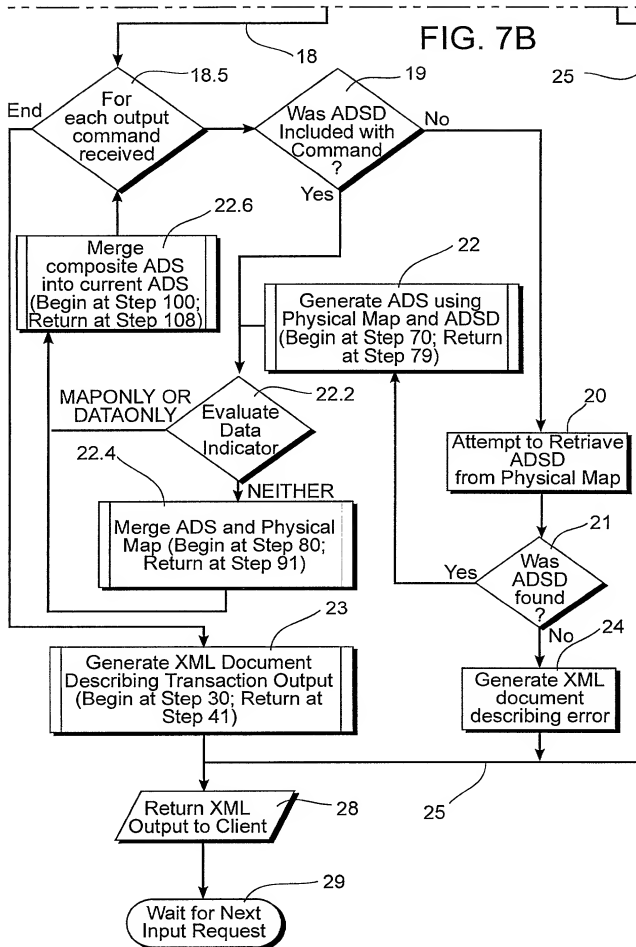
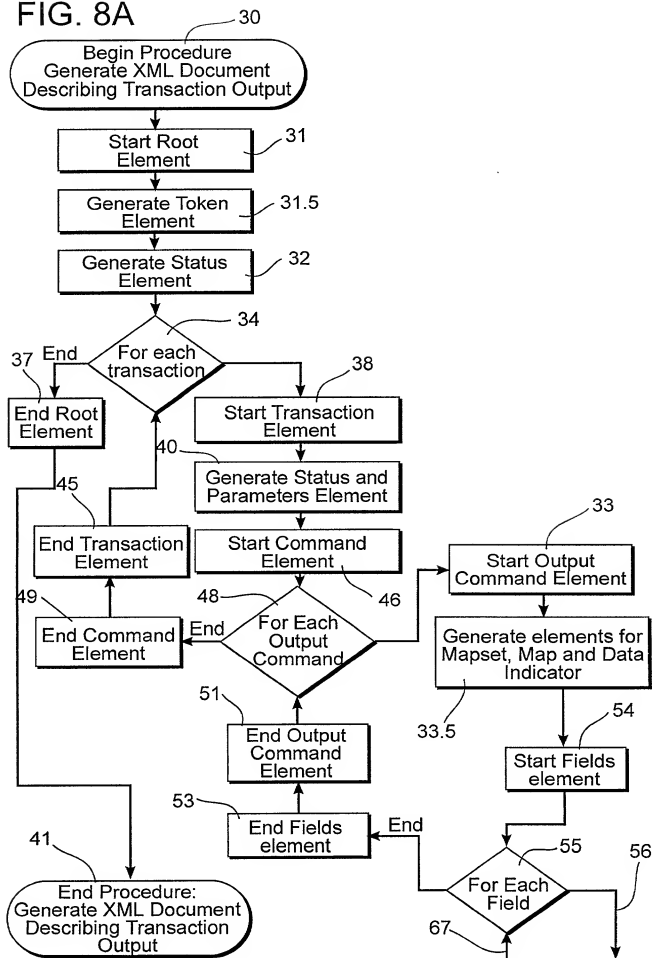
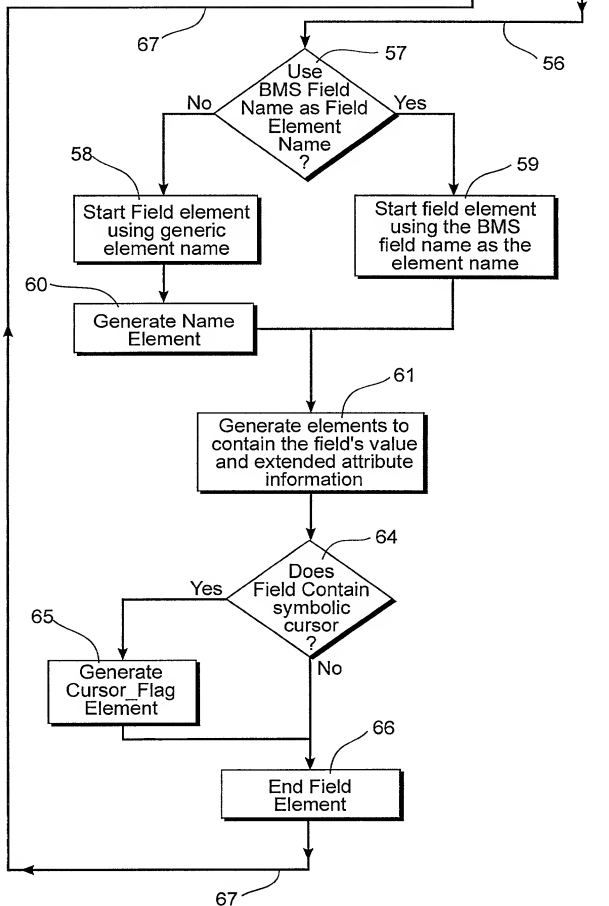


FIG. 8A



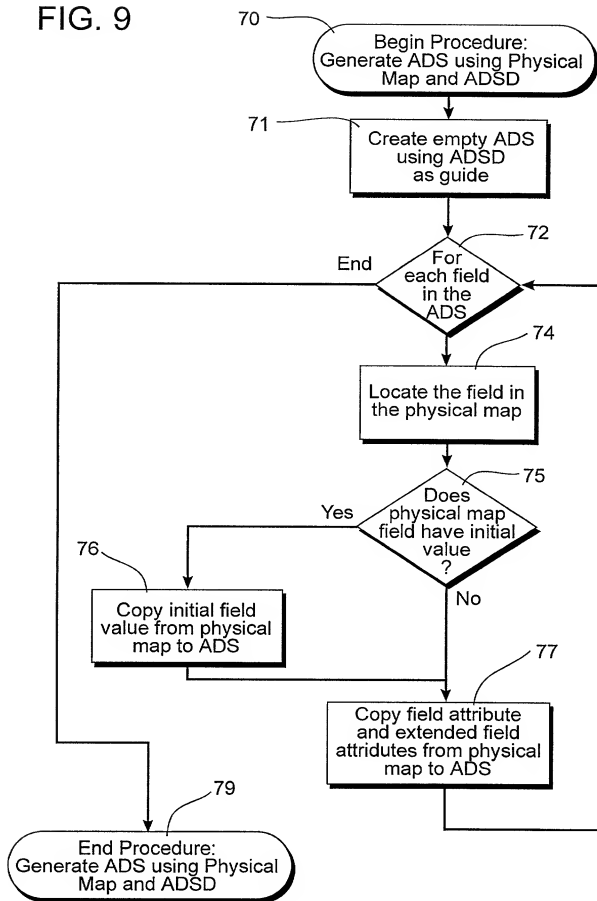
10051247-011802

FIG. 8B



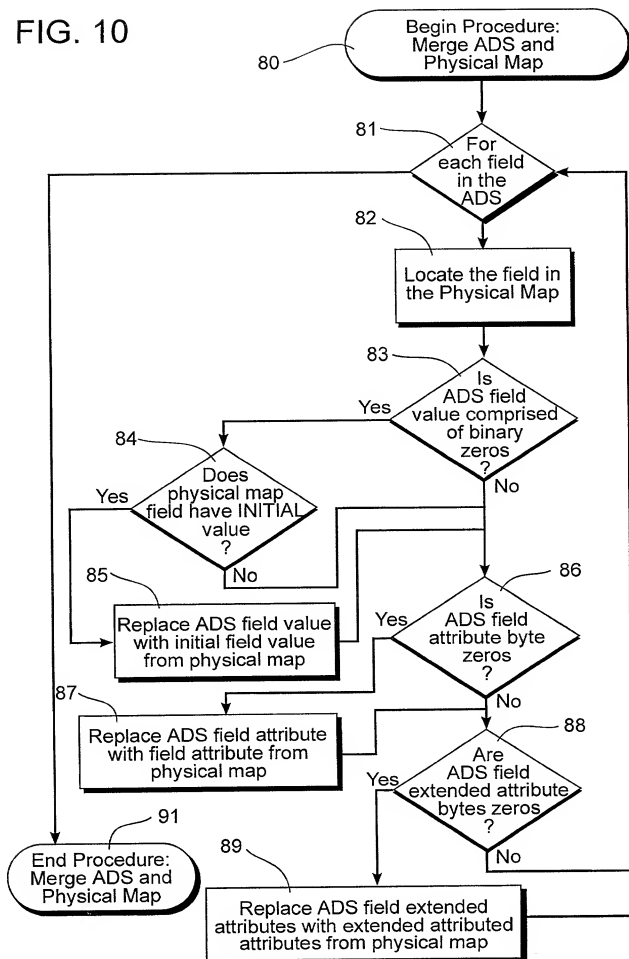
10051247.013802

FIG. 9



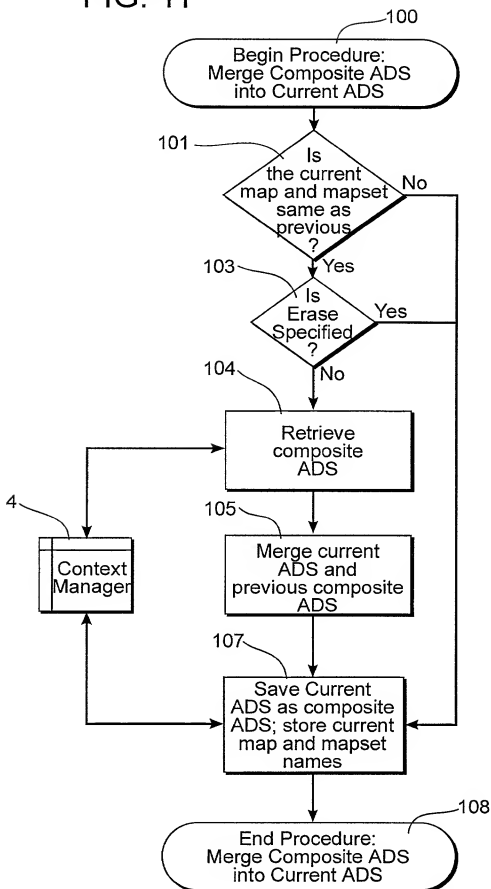
10051247.011802

FIG. 10



10051247.011802

FIG. 11



10051247.011802

trad

Terminal Input 1 -- Specify Transaction Name

FIGURE 12

Share Trading Demonstration	TRADER.T002
Share Trading Manager: Company Selection	
1. Casey_Import_Export	
2. Glass_and_Luget_Plc	
3. Headworth_Electrical	
4. IBM	
Please select a company (1,2,3 or 4) :	

PF3=Exit	PF12=Exit

Terminal Output 1 -- Company Selection Screen

FIGURE 13

10051247.01802

Share Trading Demonstration

TRADER.T002

Share Trading Manager: Company Selection

1. Casey_Import_Export

2. Glass_and_Luget_Plc

3. Headworth_Electrical

4. IBM

Please select a company (1,2,3 or 4) : 1

PF3=Exit

PF12=Exit

Terminal Input 2 -- Select Company

FIGURE 14

Share Trading Demonstration

TRADER.T003

Share Trading Manager: Options

1. New Real-Time Quote

2. Buy Shares

3. Sell Shares

Please select an option (1,2 or 3):

PF3=Return

PF12=Exit

Terminal Output 2 -- Option Selection Screen

FIGURE 15

10051247.011802
208710/4215001

Share Trading Demonstration	TRADER.T003
Share Trading Manager: Options	
1. New Real-Time Quote	
2. Buy Shares	
3. Sell Shares	
Please select an option (1,2 or 3): 1	

PF3=Return	PF12=Exit

Terminal Input 3 -- Select Option

FIGURE 16

Share Trading Demonstration	
TRADER.T004	
Share Trading Manager: Real-Time Quote	
User Name:	RUSS
Company Name:	Casey_Import_Export
Share Values:	Commission Cost:
NOW: 00079.00	for Selling: 007
1 week ago: 00059.00	for Buying: 010
6 days ago: 00063.00	
5 days ago: 00065.00	
4 days ago: 00070.00	
3 days ago: 00072.00	
2 days ago: 00078.00	Number of Shares Held: 5693
1 day ago: 00077.00	Value of Shares Held: 000449747.00

Request Completed OK

PF3=Return

PF12=Exit

Terminal Output 3 - Stock Quote Screen

FIGURE 17

10051247.011802
208770.74215001

Trader: Session Over

Terminal Output 4 -- Session Termination Screen

FIGURE 18

10651247.011802

```

<?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?>
<request>
  <token>ca445fb5</token>
  <timestamp>20020113025852</timestamp>
  <status>
    <response>0</response>
    <desc>ok</desc>
  </status>
  <transaction traid="TRAD" facility="JAB" next_traid="TRAD"
  next_traid_src="normal">
    <status>
      <eios_resp>0</eios_resp>
      <eios_resp2>0</eios_resp2>
      <eios_desc>NORMAL</eios_desc>
      <task_end>endaask</task_end>
      <abend_code>    </abend_code>
    </status>
    <parameters>
      <traid>TRAD</traid>
      <entry>TRAD</entry>
      <userid>DS11    </userid>
    </parameters>
    <command src="TRADEAPL">
      <send_map erase="y" erase_unp="n" unlock_unp="y" alarm="n" reset_mdt="n" >
        <mapset>TRADEBMS </mapset>
        <map>T002    </map>
        <data_indicator>map_and_data</data_indicator>
        <fields count="6">
          <field name="COMP1" index="0">
            <name len="5">COMP1</name>
            <value maxlen="20" len="19">Casey_Import_Export</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="COMP2" index="0">
            <name len="5">COMP2</name>
            <value maxlen="20" len="19">Glass_and_Luget_Plc</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="COMP3" index="0">
            <name len="5">COMP3</name>
            <value maxlen="20" len="20">Headworth_Electrical</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="COMP4" index="0">
            <name len="5">COMP4</name>
            <value maxlen="20" len="3">IBM</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="OPTION" index="0">
            <name len="6">OPTION</name>
            <value maxlen="1" len="0"></value>
            <attr byte="50" justify="1" disp="y" prot="n" num="y" int="n"
            mdt="n"/>
          </field>
          <field name="MESS2" index="0">
            <name len="5">MESS2</name>
            <value maxlen="79" len="0"></value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
        </fields>
        <cursor type="none"/>
      </send_map>
    </command>
  </transaction>
</request>

```

XML Response 1 -- Company Selection Document

FIGURE 19

```

<?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?>
<request>
  <token>ca445fb5</token>
  <timestamp>20020113025955</timestamp>
  <status>
    <response>0</response>
    <desc>ok</desc>
  </status>
  <transaction tranid="TRAD" facility="IAB" next_tranid="TRAD"
  next_tranid_src="normal">
    <status>
      <cics_resp>0</cics_resp>
      <cics_resp2>0</cics_resp2>
      <cics_desc>NORMAL</cics_desc>
      <task_end>endtask</task_end>
      <abend_code>    </abend_code>
    </status>
    <parameters>
      <tranid>TRAD</tranid>
      <entry>TRAD</entry>
      <userid>DS11    </userid>
    </parameters>
    <command src="TRADEREL">
      <send_map erase="y" erase_unp="n" unlock_kt="y" alarm="n" reset_mdt="n">
        <mapset>TRADEMS </mapset>
        <map>T003    </map>
        <data_indicator>map_and_data</data_indicator>
        <fields count="2">
          <field name="OPT2" index="0">
            <name len="4">OPT2</name>
            <value maxlen="1" len="0"></value>
            <attr byte="50" justify="1" disp="y" prot="n" num="y" int="n"
            mdt="n"/>
          </field>
          <field name="MESS3" index="0">
            <name len="5">MESS3</name>
            <value maxlen="79" len="0"></value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
        </fields>
        <cursor type="none"/>
      </send_map>
    </command>
  </transaction>
</request>

```

XML Response 2 -- Option Selection Document

FIGURE 20

10051247.011802

```

<?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?>
<request>
  <token>ca445fb5</token>
  <timestamp>20020113030019</timestamp>
  <status>
    <response>0</response>
    <desc>ok</desc>
  </status>
  <transaction traid="TRAD" facility="JAB" next_traid="TRAD"
  next_traid_src="normal">
    <status>
      <cics_resp>0</cics_resp>
      <cics_resp2>0</cics_resp2>
      <cics_desc>NORMAL</cics_desc>
      <task_end>endtask</task_end>
      <abend_code>      </abend_code>
    </status>
    <parameters>
      <traid>TRAD</traid>
      <entry>TRAD</entry>
      <userid>DS11 </userid>
    </parameters>
    <command src="TRADERPL">
      <send map erase="y" erase_unp="n" unlock_kb="y" alarm="n" reset_mdt="n" >
        <mapset>TRADEMS </mapset>
        <map>T004 </map>
        <data_indicator>map_end_data</data_indicator>
        <fields count="15">
          <field name="USER41" index="0">
            <name len="6">USER41</name>
            <value maxlen="20" len="4">RUSS</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="COMP41" index="0">
            <name len="6">COMP41</name>
            <value maxlen="20" len="19">Casey Import Export</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="SHRNOW" index="0">
            <name len="6">SHRNOW</name>
            <value maxlen="8" len="8">00079.00</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="SELL" index="0">
            <name len="4">SELL</name>
            <value maxlen="12" len="3">007</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="y" int="n"
            mdt="n"/>
          </field>
          <field name="SHARE7" index="0">
            <name len="6">SHARE7</name>
            <value maxlen="8" len="8">00059.00</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
          <field name="SHARE6" index="0">
            <name len="6">SHARE6</name>
            <value maxlen="8" len="8">00063.00</value>
            <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
            mdt="n"/>
          </field>
        </fields>
      </command>
    </transaction>
  </request>

```

XML Response 3 -- Stock Quote Document

FIGURE 21

```

<field name="BUY" index="0">
  <name len="3">BUY</name>
  <value maxlen="12" len="3">010</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="SHARE5" index="0">
  <name len="6">SHARE5</name>
  <value maxlen="8" len="8">00065.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="SHARE4" index="0">
  <name len="6">SHARE4</name>
  <value maxlen="8" len="8">00070.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="SHARE3" index="0">
  <name len="6">SHARE3</name>
  <value maxlen="8" len="8">00072.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="SHARE2" index="0">
  <name len="6">SHARE2</name>
  <value maxlen="8" len="8">00078.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="HELD" index="0">
  <name len="4">HELD</name>
  <value maxlen="12" len="4">5693</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="SHARE1" index="0">
  <name len="6">SHARE1</name>
  <value maxlen="8" len="8">00077.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="VALUE" index="0">
  <name len="5">VALUE</name>
  <value maxlen="12" len="12">000449747.00</value>
  <attr byte="f0" justify="1" disp="y" prot="y" num="y" int="n"
    mdt="n"/>
</field>
<field name="MESS4" index="0">
  <name len="5">MESS4</name>
  <value maxlen="79" len="20">Request Completed OK</value>
  <attr byte="60" justify="1" disp="y" prot="y" num="n" int="n"
    mdt="n"/>
</field>
</fields>
<cursor type="none"/>
</send_map>
</command>
</transaction>
</request>

```

XML Response 3 -- Stock Quote Document

FIGURE 21 (con't.)

```

<?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?>
<request>
  <token></token>
  <timestamp>20020113030037</timestamp>
  <status>
    <response>0</response>
    <desc>ok</desc>
  </status>
  <transaction tranid="TRAD" facility="IAB" next_tranid=" " next_tranid_src=" "
">
    <status>
      <cics_resp>0</cics_resp>
      <cics_resp2>0</cics_resp2>
      <cics_desc>NORMAL</cics_desc>
      <task_end>endtask</task_end>
      <abend_code> </abend_code>
    </status>
    <parameters>
      <tranid>TRAD</tranid>
      <entry>TRAD</entry>
      <userid>DS11 </userid>
      <aid>PFL2</aid>
    </parameters>
    <command src="TRADERPL">
      <send erase="n">
        <data len="20">Trader: Session Over</data>
      </send>
    </command>
  </transaction>
</request>

```

XML Output 4 -- Transaction Termination Document

FIGURE 22

1001247.01302